

8. MAINTENANCE

Very little maintenance is required to keep your Inverter operating properly. You should clean the exterior of the unit periodically with a damp cloth to prevent accumulation of dust and dirt. At the same time, tighten the screws on the DC input terminals.

9. NOTE

All specifications typical at nominal line, half load, and 25°C unless otherwise noted. Specifications subject to change without notice.

WARNING: DO NOT DISASSEMBLY THE UNIT. HAZARDOUS VOLTAGE! DANGER!

To prevent fire or shock hazard do not expose this appliance to rain or moisture

NOTE

Always place the inverter in an environment which is:

- Not exposed to direct sunlight or heat source.
- Well ventilated
- Out of reach from children
- Away from any flammable substance



With our car-carrying "AC power supply device", you needn't worry about the problems arisen from power failure or power supply limit; In addition, you can gain boundless AC power energy at any place and any time on the way which you are driving for a trip.

Caution

- Do not use it in 24 V vehicles.
- Make sure the fuse of the cigarette lighter jack is 15A or more. The power may be 10A or 12A, depending on the vehicle category. The fuse of the car cigarette lighter may be broken when a machine with high electric consumption is connected to the car cigarette lighter, even if this product work normally.
- The following machines should not be used even if their electric consumption is lower than 180W.
 - * Machines that need precise electric frequency (such as clocks, timers or measuring gauges, calculators, and measuring instruments, etc.)
 - * Machines that consume high power during starting (such as machines with high load motors such as electric refrigerators, fans, etc.)
 - * Machines that need correct sine wave (such as electric control blankets, etc.)
 - * Fluorescent lamps that use transformer/quick starter to start up
- An electron beam tube TV set will consume a starting power that is about 5 times of the rated power. So check if it is less than 180 W
- If you connect a LCD TV set or a radio, the image or the sound may be altered.
- Please use a drink shelf suitable for 500 ml bottles.

Copyright & intellectual property

The material and content featured in this user's manual are subject to change without notice and are not contractual. Any partial or complete reproduction without the permission of the author and its affiliates is strictly forbidden according to international copyright law. It could be considered as counterfeit, and can be sued and punished by laws. Copyright © 2005. Connectland. All rights reserved.



Connectland
AC Anywhere



POWER
INVERTER



Meino® Patented power-stabilized technique, featured as strong power supply along with more portability



Built-in 5-group protective circuitries, protective for your car and moveable product.

User Manual

1. INTRODUCTION

Thanks for your purchasing the power inverter. The power inverter With outstanding quality and portability you expect, the adoption of Msine patent pressure stabilization technology achieves more stable performance and smaller volume.

1.1 FUNCTION AND FEATURES:

- ◆ It can be used for portable computer, mobile phone, video camera, mini acoustics, fluorescent lamp and other electric appliances.
- ◆ It features plug and play and can be used when auto generator is in running or flameout conditions.
- ◆ The built-in detecting chip and automatic heat dispersion system can provide accumulator under voltage, output overload and overheat protection.
- ◆ Palmtop computer, Mp3, mobile phone and other little power electric appliances can be directly inserted into the USB interface for power charging.

2. APPLICATION METHOD

- ◆ Insert the plug of electric appliance into the cigar lighting socket firmly and keep in good contact, the blue LED indicator will light up.
- ◆ Insert the power plug into the AC socket of power supply unit for normal power supply.



3. OPERATION

A) When connected to an appliance, remember to turn on the inverter before turning on the appliance. If the buzzer sounds during operation, this indicates that the battery voltage is very low and the inverter will be disconnected in 5 minutes.

B) When connect the electrical appliance that with CRT, such as TV set, computer and so on to the Power Inverter which below 500W, the electrical appliance may be started for several times before it can work smoothly. Don't start the power inverter when it is with loaded, otherwise the power inverter will be damaged.

C) When connect the electrical appliance that with motor or compressor, such as drill, air-condition and so on to the power inverter, please make sure that the power rating of the power inverter is at least 3 times of the power rating of the electrical appliance, so that it can work smoothly, because the starting up power is much beyond of the power rating of the electrical appliance.

4. OUTPUT CAPACITY

The inverter will switch off automatically if the total wattage of the electrical appliances exceeds the inverter's output capacity. This will also happen if the temperature of the inverter exceeds 60°C due to prolonged use.

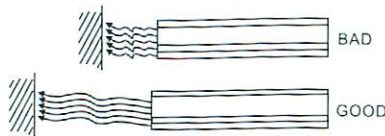
5. SPECIAL RECOMMENDATION

Unplug the AC inverter when not in use.
Unplug the AC inverter when starting the vehicle's motor.

If the AC inverter makes a beeping sound: switch off your appliance, unplug the inverter and restart your vehicle's the engine. The beeping sound is simply the low-battery warning which indicates that the voltage of your battery is getting low. Your inverter will shut down automatically if you do not restart your engine and continue the use of your inverter. This will leave your vehicle's battery at about 10.5VDC (24VDC when using 48V inverter), enabling you to start your engine and resume operation of the inverter. It also eliminates the possibility of being stranded with a dead battery. To avoid over-discharging the battery, it is advisable to let your engine run for 10 to 20 minutes after every 2-3 hours of using the AC inverter. This allows your vehicle's battery to recharge.

6. VENTILATION

Make sure the fan is not blocked in order to avoid poor ventilation.



7. CAUTION

In case of trouble with the AC output, e.g. short-circuit, overload, etc--the protection circuit will automatically cut off the output. In such cases:

- switch off the power at once
- disconnect all units
- check the connected devices
- use the units again as soon as any problems concerning the

connected devices have been solved
When in use for a prolonged period of time, the AC output may suddenly be cut off although the battery voltage is still very strong.

This may be caused by excessive temperatures. If this happens.

Please proceed as follows:

- Switch off the inverter at once
 - Disconnect some of the appliances or wait until the inverter cools off
 - Switch the inverter back on
- Always keep the inverter in an environment which is:
- Well-ventilated
 - Not exposed to direct sunlight or any other heat source
 - Inaccessible to children
 - Safe from water/moisture, oil or grease
 - Safe from any flammable substance

If the inverter is connected in the wrong way, this will void the warranty.